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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 2829
Examiner : Russell M. Kobert
Serial No. : 09/864,123
Filed : May 25, 2001
Inventor : Ziegner et al.
Title : FILM-BASED MICROWAVE
: AND MILLIMETER WAVE
: CIRCUITS AND SENSORS

Customer No.: 026794

Confirmation No.: 1456

Docket No.: 17539
[1113-03]

Dated: January 21, 2004

Certification Under 37 CFR 1.10

I herby certify that this paper or fee (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service, under 37 CFR 1.10 on the date indicated below and is addressed to Commissioner for Patents, Alexandria, VA. 22313-1450.

Date of Deposit:

January 21, 2004

By:

Patricia A. McIntosh
Patricia A. McIntosh

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

TRANSMITTAL LETTER

Dear Sir:

Enclosed herewith is an Information Disclosure Statement pursuant to 37 CFR. § 1.56 in connection with the above-identified application, which statement is being filed:

- ☐ Together with the present application.
- ☐ Before the first Office Action on the merits or three (3) months from the filing date of this application, whichever occurs last. [37 CFR § 1.97(b)]
- ☐ After the first Office Action on the merits, but before a Final Office Action under § 1.113 or Notice of Allowance under § 1.311, whichever occurs first. (37 CFR § 1.97(c))
- ☒ After a Final Office Action under § 1.113 or Notice of Allowance under § 1.311, but prior to or with payment of the Issue Fee. [37 CFR § 1.97(d)]

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Consistent with Applicant's obligations pursuant to 37 CFR §§ 1.97 and 1.98, the following requirements have been met:

☐ No separate requirements are needed.

☐ No additional fee is required.

Fee Under 37 CFR § 1.97(c)

☐ The fee of \$_____ submission of an IDS under § 1.97(c) as set forth in § 1.17(p) accompanies this statement.

Petition Under 37 CFR § 1.97(d)

☒ This is a petition requesting consideration of an IDS under § 1.97(d). The petition fee of \$180.00 set forth in § 1.17(p) accompanies this petition.

Certification Under 37 CFR 4 1.97(e)

Each item of information contained in this statement was either

☐ cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; or

☒ not known to any individual designated in § 1.56(c) more than three months prior to the filing of this statement.

Provision of Copies of References

☒ A copy of the reference listed on the attached Form PTO-1449 is enclosed herewith and form a part hereof.

☐ A partial translation of Reference is enclosed herewith and forms a part hereof.

☐ A copy of the European Search Report from a corresponding or related EPO application is enclosed herewith.

☐ A copy of the International Search Report from a corresponding or related PCT application is enclosed herewith.

☐ Since this application was filed after June 30, 2003, copies of the U.S. Patents listed on the attached Form PTO-1449 are not provided herewith in accordance

with the Patent Office's waiver of this requirement in the August 5, 2003
Official Gazette (1276 OG 55).

**Identification of Prior Applications In Which Listed Information Was Already Cited And
For Which No Copies Are Submitted Or Need Be Submitted**

- [] In accordance with 37 C.F.R. § 1.98(d), copies of some or all of the referenced listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in prior Application Serial No. _____, filed on _____; for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.
- [X] The Commissioner is hereby authorized to charge any fees associated with this communication or credit any overpayment to Deposit Account No. 50-2719. A duplicate copy of this transmittal is attached.

Respectfully submitted,

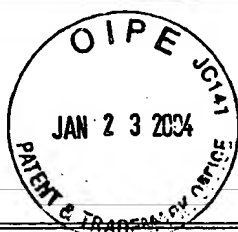
Date: 1/21/04



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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE



ATTY. DOCKET NO.

17539 (1113-03)

SERIAL NO.

09/864,123

APPLICANT: Bernhard Alphonso Ziegner et Al.

FILING DATE

05/25/2001

GROUP

2829

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	F. Alessandri et al., "Full-Wave Modeling of Via Hole Grounds in Microstrip by Three-Dimensional Mode Matching Technique," 1992 IEEE MTT-S Digest, pages 1237-1240
	AS	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to Applicant.